

2390 U.S. PTO

Please type a plus sign (+) inside this box

+

PTO/SB/05 (2/98)

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for nonprovisional applications under 37 CFR § 1.53(b))

Attorney Docket No.

TROU1100-2

First Inventor or Application Identifier

Clint Miller et al.

Title

METHOD AND SYSTEM FOR QUERYING AN APPLIED DATA MODEL

Express Mail Label No.

EV338102387US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

1. ☒ Fee Transmittal for FY 2004
(Submit an original and a duplicate for fee processing)

6. ☐ Microfiche Computer Program (Appendix)

2. ☒ Specification [Total Pages] **51**
(preferred arrangement set forth below)
☒ Descriptive Title of the Invention
☒ Cross References to Related Applications
☒ Background of the Invention
☒ Summary of the Invention
☒ Brief Description of the Drawings (if filed)
☒ Description of Preferred Embodiments

7. Nucleotide and Amino Acid Sequence Submission
(if applicable, all necessary)

- a. ☐ Computer-Readable Copy
b. ☐ Paper Copy (identical to computer copy)
c. ☐ Statement verifying identity of above copies

☐ References☒ Claim(s)☒ Abstract of the Disclosure

3. ☒ Drawing(s) (35 USC 113) [Total Sheets] **15**

4. ☒ Oath or Declaration [Total Pages] **3**

a. ☒ Unexecuted (original or copy)

b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 17 completed)

i. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting
inventor(s) named in the prior application,
see 37 CFR 1.63(d)(2) and 1.33(b)

5. ☐ Incorporation By Reference (useable if box 4b is checked).
The entire disclosure of the prior application, from
which a copy of the oath or declaration is supplied
under Box 4b, is considered to be part of the disclosure
of the accompanying application and is hereby
incorporated by reference therein.

ACCOMPANYING APPLICATION PARTS

8. ☐ Assignment Papers (cover sheet & document(s))

9. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney
(when there is an assignee)

10. ☐ English Translation Document (if applicable)

11. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations

12. ☐ Preliminary Amendment

13. ☒ Return Receipt Postcard

14. ☒ Small Entity ☐ Statement filed in prior application,
Status still proper and desired

15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)

16. ☒ Other: Certificate of Mailing; Filing Fee;
Request for Non-Publication; 91 pages of
Appendices; Transmittal Letter for CDs; 1
original CD and one exact duplicate of
original CD

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment

☐ Continuation ☐ Divisional ☐ Continuation-In-Part (CIP) of prior Application No.: _____

Prior application information: Examiner _____ Group / Art Unit _____

☒ Claims the benefit of Provisional Application No. 60,455,522 filed March 18, 2003

CORRESPONDENCE ADDRESS:

Gray Cary Ware & Freidenrich LLP
1221 South MoPac Expressway, Suite 400
Austin, TX 78746-6875
Tel. (512) 457-7216
Fax. (512) 457-7001

Customer No. :

25094

TYPED or PRINTED NAME Ariyen G. Akmal

REGISTRATION NO. 51,388

SIGNATURE _____

DATE: March 17, 2004

23026
031704


PTO/SB/17 (11-01)

Approved for use through 04/30/2003. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2004		Complete if Known	
Effective 01/01/2003. Patent fees are subject to annual revision.		Application Number	Unknown
		Filing Date	March 17, 2004
		First Named Inventor	Clint Miller
		Examiner Name	Unknown
		Art Unit	Unknown
		Attorney Docket No.	TROU1100-2
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27			
TOTAL AMOUNT OF PAYMENT	(\$) 412.00		

METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)																																																																																																																																																																																					
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unavoidable</td><td></td></tr><tr><td>1453</td><td>1,300</td><td>2453</td><td>650</td><td>Petition to revive - unintentional</td><td></td></tr><tr><td>1501</td><td>1,300</td><td>2501</td><td>650</td><td>Utility issue fee (or reissue)</td><td></td></tr><tr><td>1502</td><td>470</td><td>2502</td><td>235</td><td>Design issue fee</td><td></td></tr><tr><td>1503</td><td>630</td><td>2503</td><td>315</td><td>Plant issue fee</td><td></td></tr><tr><td>1460</td><td>130</td><td>1460</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr><tr><td>1807</td><td>50</td><td>1807</td><td>50</td><td>Processing fee under 37 CFR 1.17(q)</td><td></td></tr><tr><td>1806</td><td>180</td><td>1806</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr><tr><td>8021</td><td>40</td><td>8021</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr><tr><td>1809</td><td>750</td><td>2809</td><td>375</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr><tr><td>1810</td><td>750</td><td>2810</td><td>375</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td><td></td></tr><tr><td>1801</td><td>750</td><td>2801</td><td>375</td><td>Request for Continued Examination (RCE)</td><td></td></tr><tr><td>1802</td><td>900</td><td>1802</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr></tbody></table>					Large Entity	Small Entity	Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)		1051	130	2051	65	Surcharge - late filing fee or oath		1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet		1053	130	1053	130	Non-English specification		1812	2,520	1812	2,520	For filing a request for ex parte reexamination		1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action		1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action		1251	110	2251	55	Extension for reply within first month		1252	410	2252	205	Extension for reply within second month		1253	930	2253	465	Extension for reply within third month		1254	1,450	2254	725	Extension for reply within fourth month		1255	1,970	2255	985	Extension for reply within fifth month		1401	320	2401	160	Notice of Appeal		1402	320	2402	160	Filing a brief in support of an appeal		1403	280	2403	140	Request for oral hearing		1451	1,510	1451	1,510	Petition to institute a public use proceeding		1452	110	2452	55	Petition to revive - unavoidable		1453	1,300	2453	650	Petition to revive - unintentional		1501	1,300	2501	650	Utility issue fee (or reissue)		1502	470	2502	235	Design issue fee		1503	630	2503	315	Plant issue fee		1460	130	1460	130	Petitions to the Commissioner		1807	50	1807	50	Processing fee under 37 CFR 1.17(q)		1806	180	1806	180	Submission of Information Disclosure Stmt		8021	40	8021	40	Recording each patent assignment per property (times number of properties)		1809	750	2809	375	Filing a submission after final rejection (37 CFR § 1.129(a))		1810	750	2810	375	For each additional invention to be examined (37 CFR § 1.129(b))		1801	750	2801	375	Request for Continued Examination (RCE)		1802	900	1802	900	Request for expedited examination of a design application	
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		SUBTOTAL (3) (\$)																																																																																																																																																																																					

SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	Ariyeh G. Akmal	Registration No. (Attorney/Agent)	51,388
Signature		Telephone	512-457-7216
		Date	March 17, 2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

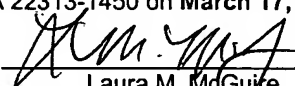
This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

Gray Cary\AU4124701.1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE	
TRANSMITTAL FOR COMPACT DISCS	Atty. Docket No. (Opt.) TROU1100-2
Applicants Clint Miller et al.	
Application Number Unknown	Filed March 17, 2004
For METHOD AND SYSTEM FOR QUERYING AN APPLIED DATA MODEL	
Group Art Unit Unknown	Examiner Unknown
Confirmation No. Unknown	

MAIL STOP PATENT APPLICATION
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Dear Sir:

<p align="center"><u>Certification Under 37 C.F.R. §1.10</u></p> <p>I hereby certify that the documents listed below are being deposited with the United States Postal Service as Express Mail No. EV338102387US in an envelope addressed to: MAIL STOP Patent Application, Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on March 17, 2004.</p> <p align="center"> Laura M. McGuire</p>

Applicants submit herewith:

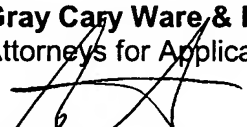
1. One original compact disc; and
2. One copy of the above-referenced compact disc, which contains identical contents.

Each of the compact discs contains the following information:

Machine Format:	IBM-PC		
Operating System:	MS-Windows		
Contents:	<u>Name</u>	<u>Size</u>	<u>Date Created</u>
	appa.txt	48.0 KB	March 12, 2004, 9:21:42 AM
	appb.txt	52.0 KB	March 12, 2004, 9:21:32 AM

Respectfully submitted,

Gray Cary Ware & Freidenrich LLP
 Attorneys for Applicant


 Ariyeh G. Akmal
 Reg. No. 51,388

Dated: March 17, 2004


Gray Cary Ware & Freidenrich LLP
 1221 S. MoPac Exp., Suite 400
 Austin, Texas 78746
 Tel. (512) 457-7216

REQUEST AND CERTIFICATION UNDER 35 U.S.C. 122(b)(2)(B)(i)	First Named Inventor	Clint Miller
	Title	METHOD AND SYSTEM FOR QUERYING AN APPLIED DATA MODEL
	Atty. Docket:	TROU1100-2

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

March 17, 2004

Date


Ariyeh G. Akmal
Reg. No. 51,388

This request must be signed in compliance with 37 C.F.R. 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

Burden Hour Statement: This collection of information is required by 37 C.F.R. 1.213(a). The information is used by the public to request that an application not be published under 35 U.S.C. 122(b) (and the PTO to process that request). Confidentiality is governed by 35 U.S.C. 122 and 37 C.F.R. 1.14. This form is estimated to take 6 minutes to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE	
CERTIFICATE OF MAILING BY "EXPRESS MAIL"	Atty Docket No. (Optional) TROU1100-2
Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 Sir:	In the Application of: Clint Miller, et al.
	Date Filed: March 17, 2004
	Title: Method and System for Querying an Applied Data Model

I hereby certify that the attached Utility Patent Application Transmittal Form, Fee Transmittal, unexecuted Declaration and Power of Attorney, Request for Nonpublication, Utility Patent Application, Appendices A-C (91 pages of Appendices); fifteen (15) pages of Drawings, Transmittal Letter for CDs, two (2) identical CDs; Check and Postcard are being deposited with the United States Postal Service "EXPRESS MAIL Post Office to Addressee" service under 37 C.F.R. § 1.10, Mailing Label Certificate No. **EV338102387US**, on **March 17, 2004**, addressed to: **Mail Stop Patent Application**, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Respectfully submitted,

Gray Cary Ware & Freidenrich LLP


 Laura M. McGuire